



16805 U.S.PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 018360/246794

First Inventor Timothy C. Owens

Title DATA STRUCTURE AND MANAGEMENT SYSTEM  
FOR A SUPERSET OF RELATIONAL DATABASES

Express Mail Label No. EV 211 241 334 US

ADDRESS TO: **MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
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Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Timothy C. Owens, Bruce E. Harrison

Assignee of this invention is United Parcel Service of America, Inc.

1.  The Filing Fee has been calculated as shown below:
2.  Applicant claims Small Entity Status. See 37 CFR 1.27.

No. Filed	No. Extra	Small Entity Rate	Large Entity Rate	Fee 0	Fee 1
<b>BASIC FEE</b>		\$ 0			\$ 770
TOTAL CLAIMS:	45 - 20 = 25	X 9 = \$ 0	25 x 18 = \$ 450		
INDEP CLAIMS:	11 - 3 = 8	X 43 = \$ 0	8 x 86 = \$ 688		
[ <input type="checkbox"/> ] MULTIPLE DEPENDENT CLAIMS PRESENTED		+145 = \$			+290 = \$
*If the difference in Column 1 is less than zero, enter "0" in Column 2.		TOTAL \$	TOTAL \$ 1908		

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a.  Fees required under 37 CFR 1.16 (National filing fees).
- b.  Fees required under 37 CFR 1.17 (National application processing fees) including any extension of time fees under 37 CFR § 1.136(a) that are required for consideration of papers filed during prosecution.

Form PTO-2038 is enclosed authorizing charge in the total amount of One Thousand Nine Hundred and Eight Dollars (\$1908.00) for the filing fee.

2.  The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3.  Specification; Total Pages 74
4.  11 Sheets of Drawing(s) (35 USC 113)
5.  Declaration and Power of Attorney; [Total Pages 2]
  - a.  Newly executed (original) (unsigned)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

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10/690322

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Copy (CRF)
  - b.  Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)
  - c.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper (   Pages)
  - d.  Statements verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)
10.  37 CFR 3.73(b) Statement (*when there is an assignee*);  Power of Attorney
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449; 22 Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
  - Foreign Priority is claimed as Application No.   , filed
16.  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB35 or its equivalent.
17.  Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.
18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
  Continuation       Divisional       Continuation in Part (CIP)  
 of prior Application No:   ; Filed

Prior Application Information: Examiner                          Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS                          CUSTOMER NUMBER 00826

Signature: J. Scott Anderson

Attorney/Agent of Record: J. Scott Anderson  
Attorney/Agent Registration No. 48,563

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Date of Deposit October 21, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:  
Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Shana Moore  
Shana Moore

**ALSTON & BIRD, LLP**  
**REQUEST FOR PAYMENT/REIMBURSEMENT**

Issue Payment To      J. Scott Anderson

Address

City/State/Zip

Charge Description    USPTO Filing Fee

**(A) CHARGE TO (Check one box below):**

CLIENT MATTER – Client Charges More Than \$250 Need Approval  
Client Number    018360      Client Name    UPS  
Matter Number    246794      Matter Name    US - Flexible Address Abstraction System

- RECRUITING – Recruiting Director Approval Required  
 CLE – Recruiting Director Approval Required  
 OTHER FIRM ACCOUNT: \_\_\_\_\_  
 CLIENT ENTERTAINMENT/PDA (*complete section B*) – Lawyer Individual Account  
 PRACTICE GROUP RETREATS – Practice Group Leader Approval Required  
Practice Group Name:  
 PRACTICE GROUP BUSINESS DEVELOPMENT (*also complete section B*)  
Practice Group Leader Approval Required  
Practice Group Name: **Intellectual Property, Patents, Solicitation, Mechanical**

**BUDGET CATEGORY (Check one box below):**

**Regular Account (765 Prefix)**

**OR Supplemental Account\* (766 Prefix)**

- |  |   |
|--|---|
| <input type="checkbox"/> 01 Domestic Business Development Trips<br><i>(Attach Travel Expense Record)</i> | <input type="checkbox"/> 01 International Business Development Trips<br><i>(Attach Travel Expense Record)</i> |
| <input type="checkbox"/> 02 Entertainment of Clients, Prospective Clients or Referral Source             | <input type="checkbox"/> 03 Business Development Materials  |
| <input type="checkbox"/> 05 Organizational Involvement   | <input type="checkbox"/> 04 Business Development Seminars   |
| <input type="checkbox"/> 06 Speaking Engagements   | <input type="checkbox"/> 09 Group Business Development Meetings   |
| <input type="checkbox"/> 07 Sponsorships   | <input type="checkbox"/> Or Other: <i>(Explain _____)</i>   |
| <input type="checkbox"/> 08 Consultants  |   |

\*All supplemental business development expenditures also require Jim Stokes' or John Coalson's signature:

**(B) COMPLETE THE BELOW for Client Entertainment/PDA and Practice Group Business Development Charges Only:**

Activity Date

Activity

Client/Potential Client/Referral Name(s)

Client Representative(s) Involved

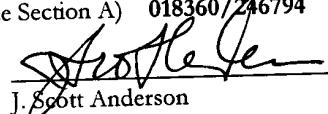
A&B Attorney(s) Involved

Nature of Business

**(C) COMPLETE THE BELOW FOR ALL CHARGES:**

Account No. (See Section A)    018360/246794      Amount    \$1908.00

Requested By

  
J. Scott Anderson

Date      October 21, 2003

Approved By

Date

**ROUTING INSTRUCTIONS**     Return to J. Scott Anderson (ACP-17)  
 Call extension to pick up:  
 Please mail to address at top of page

*Call the Accounting Department with Any Questions*